

## *Question Bank of Forest diseases*

**Q1/ Define the following items:**

1. Top killing
2. Infectious diseases
3. Powdery mildews
4. Crown gall
5. Atrophic symptoms
6. Forest pathology
7. Plant callus
8. Purple foliage
9. Branch wilt
10. Damping off
11. Needle cast
12. Hypertrophic symptoms

**Q2/ Write about the followings:**

1. The Control measures of seed diseases.
2. Damping off fungi:
3. An accurate diagnosis of root diseases is not easy to achieve, Why?
4. Foliage disease categories of conifers.
5. Red band OR (Dothistroma needle blight) symptoms.
6. Types of cankers.
7. Enumerate the types of Decay.
8. Armillaria root rot can be distinguished from other problems by:-
9. Eucalyptus leaf diseases (Symptoms, Pathogen and Disease management)

**Q3: Description the followings:**

1. "Complex." Ways to determine the cause(s) of seedling stand establishment problems include:
2. People depend on forests more than ever, especially for their importance that include:
3. Damages caused by cankers.
4. Foliage diseases of conifers or evergreens are dangerous compared to leaf diseases of hardwoods or deciduous, Why?
5. How can the causal agent of Shoe string root rot transfer from infected tree to the healthy tree in the forest?
6. Symptoms of the Armillaria root rot disease.
7. Symptoms of the Crown Gall disease.
8. How can the bacteria of Agrobacterium tumefaciens enter the plant tissue and make infection?

**Q4/ What are main control methods for the following diseases?**

1. Shoe string root rot disease?
2. Damping off disease?
3. Butt rot disease
4. Cytospora Canker disease
5. Septoria canker of poplar
6. Diplodia Blight of Pines
7. Maple leaf spot or Tar spot of maple

**Q5/ Write the scientific name of the pathogens that causes those diseases:-**

- |                      |                             |                              |                            |
|----------------------|-----------------------------|------------------------------|----------------------------|
| 1. Fomes root rot    | 2. Phytophthora root        | 3. Branch wilt               | 4. Shoe string             |
| root rot             | 5. Gray mould blight        | 6. Crown gall                | 7. Snow blight of conifers |
| 8. Eastern gall rust | 9. Diplodia Blight of Pines | 10. Eucalyptus leaf disease. |                            |

***Assist.Prof.Dr.Ramadan Yousif Mohamed***